



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Reissue Application Of) PATENT
Jeffrey T. Randall) Atty. Docket No. SEA0820P1120US
Patent No. 5,938,087)
Granted: August 17, 1999)
For: SPURT MINIMIZING)
DISPENSING STRUCTURE)

ASSIGNEE'S OFFER TO SURRENDER
ORIGINAL LETTERS PATENT PURSUANT TO 37 CFR §1.178

Box REISSUE
Commissioner For Patents
Washington, D.C. 20231

Sir:

The undersigned makes this statement as part of the accompanying reissue application for the reissue of Letters Patent No. 5,938,087 granted on August 17, 1999 and declares that AptarGroup, Inc. is now owner by assignment of the entire interest in said original patent and hereby offers to surrender said Letters Patent.

A "STATEMENT UNDER 37 CFR §3.73(b)" is enclosed along with a copy of the assignment of (1) the invention, and (2) the patent application Serial No. 08/877,759 therefor (from which issued Letters Patent No. 5,839,087 for which a reissue patent is sought pursuant to the above-captioned Reissue Application).

The undersigned declares that the undersigned is authorized to act on behalf of the assignee.

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the

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Application to Reissue
Patent No. 5,938,087 - - -2

knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.

Respectfully submitted,


For: AptarGroup, Inc.

Signature:

Printed Name:

Title:

Date:



Stephen J. Hagge
Executive Vice President, Chief Financial Officer and
Secretary
6/11/01

09015132-072501
FO52/0-2251660

IN WITNESS THEREOF, I hereby set my hand, date of signature, and place of signature as indicated below.

Full Name of First Inventor: **Flack, Russell**

Residence: **10670 E. Firethorn, Maricopa County, Scottsdale, AZ 85259**

Citizenship: **British**

Post Office Address:


Signature of Sole or First Inventor

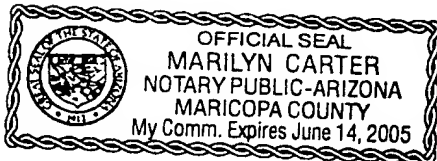
7/19/01
Date of Signature

In the State of Arizona §

In the County of Maricopa §

Before me, the undersigned authority, on this 19th day of July, personally appeared Russell Flack, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.


Notary or Consular Officer



09915132.072501

IN WITNESS THEREOF, I hereby set my hand, date of signature and place of signature as indicated below.

Full Name of First Inventor: **Grubert, Andreas**
Residence: **1503D California Avenue, Harris County**
Houston, TX 77006

Citizenship: **Germany**
Post Office Address: **1503D California Avenue, Harris County**
Houston, TX 77006

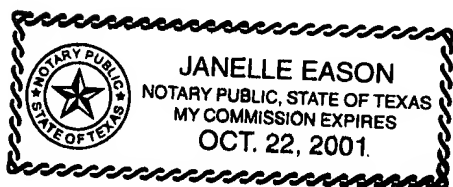
A. Grubert
Signature of Sole or First Inventor

25 July 01
Date of Signature

In the State of TEXAS §
In the County of HARRIS §

Before me, the undersigned authority, on this 25th day of July, personally appeared ANDREAS GRUBERT, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Janelle Eason
Notary or Consular Officer





PTO/SB/53 (02-01)

Approved for use through 01/31/2004. OMB 0651-0033

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**REISSUE APPLICATION: CONSENT OF ASSIGNEE;
STATEMENT OF NON-ASSIGNMENT**Docket Number (Optional)
SEA0820P1120US

This is part of the application for a reissue patent based on the original patent identified below.

Name of Patentee(s) Jeffrey T. Randall

Patent Number 5,938,087

Date Patent Issued
August 17, 1999Title of Invention
SPURT MINIMIZING DISPENSING STRUCTURE

1. ☒ Filed herein is a statement under 37 CFR 3.73(b). (Form PTO/SB/96)
2. ☐ Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect.

One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee".

The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.

The assignee(s) owning an undivided interest in said original patent is/are AptarGroup, Inc., and the assignee(s) consents to the accompanying application for reissue.

Name of assignee/inventor (if not assigned)
AptarGroup, Inc. (Assignee)Signature
Date
6/11/01Typed or printed name and title of person signing for assignee (if assigned)
Stephen J. Hagge
Executive Vice President, Chief Financial Officer, and Secretary

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



| REISSUE APPLICATION DECLARATION BY THE INVENTOR | Docket Number (Optional) SEA0820P1120US |
|---|--|
| <p>As a below named inventor, I hereby declare that: My residence, mailing address and citizenship are stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number <u>5,938,087</u>, granted <u>August 17, 1999</u>, and for which a reissue patent is sought on the invention entitled <u>SPURT MINIMIZING DISPENSING STRUCTURE</u></p> <p>_____</p> <p>the specification of which</p> <p><input checked="" type="checkbox"/> is attached hereto.</p> <p><input type="checkbox"/> was filed on _____ as reissue application number _____ / _____ and was amended on _____ (If applicable)</p> <p>I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56. I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)</p> <p><input checked="" type="checkbox"/> by reason of a defective specification or drawing.</p> <p><input checked="" type="checkbox"/> by reason of the patentee claiming more or less than he had the right to claim in the patent.</p> <p><input type="checkbox"/> by reason of other errors.</p> <p>At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:</p> <p>See attached Appendix entitled "Description Of The Errors Upon Which Reissue Is Based"</p> | |

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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)
SEA0820P1120US

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

| Name(s) | Registration Number |
|---------------------|---------------------|
| Paul M. Odell | 28,332 |
| Randall T. Erickson | 33,872 |
| Stephen D. Geimer | 28,846 |

Correspondence Address: Direct all communications about the application to:

☒ Customer Number

01942

Type Customer Number here

Place Customer Number Bar
Code Label here
01942

| | | | | | |
|---|-----------------------------------|-------|----------------|-----|-------|
| <input checked="" type="checkbox"/> Firm or Individual Name | Rockey, Milnamow & Katz, Ltd. | | | | |
| Address | Two Prudential Plaza - Suite 4700 | | | | |
| Address | 180 North Stetson | | | | |
| City | Chicago | State | IL | Zip | 60601 |
| Country | U.S.A. | | | | |
| Telephone | (312) 616-5400 | Fax | (312) 616-5460 | | |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

Jeffrey T. Randall

Inventor's signature

Jeffrey T. Randall

Date

16 July - 2001

Residence 970 Bartlett Drive
Oconomowoc, Wisconsin 53066

Citizenship U.S.

Mailing Address same as residence

Full name of second joint inventor (given name, family name)

Inventor's signature

Date

Residence

Citizenship

Mailing Address

Full name of third joint inventor (given name, family name)

Inventor's signature

Date

Residence

Citizenship

Mailing Address

☐ Additional joint inventors are named on separately numbered sheets attached hereto.

Assignment

Serial No. 08/877,759

Filed June 17, 1997

In Consideration of One Dollar and other good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention or improvements of the undersigned in SPURT MINIMIZING DISPENSING STRUCTURE and in the application for Letters Patent of the United States therefor, executed by the undersigned concurrently herewith, and in any reissue or extension of any Letters Patent that may be granted upon said application are hereby assigned by the undersigned to APTARGROUP, INC., a Delaware corporation, and the successors, legal representatives and assigns of APTARGROUP, INC. (hereinafter collectively called said Assignee), and the Commissioner of Patents and Trademarks is hereby authorized and requested by the undersigned to issue said Letters Patent to said Assignee.

For said considerations it is hereby agreed by the undersigned, upon the request of said Assignee, to execute any necessary and proper oaths or affidavits relating to said application or required for the filing or prosecution of any divisional or continuing application thereof or for the filing or prosecution of any application for the reissue or extension of any Letters Patent that may be granted on said invention or improvements that said Assignee may deem necessary or expedient, and for the said considerations it is further agreed by the undersigned, upon the request of said Assignee, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said Assignee in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, and further to perform, upon such request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in the said Assignee as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made. And for the said considerations the entire right, title and interest in said invention or improvements, including all priority rights, and the right to claim priority rights and the privileges and benefits thereof, including those under the International Convention, and all other Conventions, and the right to file applications for patent in said Assignee's own name for said invention or improvements in each and every country of the world are hereby assigned and granted by the undersigned to said Assignee. It is further agreed by the undersigned, upon the request of said Assignee, to execute any and all documents that shall be required of the undersigned to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said Assignee. The undersigned also further agrees, for the said considerations, upon the request of said Assignee, to promptly perform all lawful acts deemed by said Assignee to be necessary or advisable in connection with maintaining, enforcing, or transferring the resulting grants of said Letters Patent in the United States or foreign countries. It is agreed that such lawful

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Serial No. 08/877,759

Filed June 17, 1997

acts include, but are not limited to, taking oaths, executing declarations, powers, assignments and other papers and giving testimony. The attorneys of record in such application for patent are hereby authorized and requested by the undersigned to insert in this Assignment the date and serial number thereof in the places provided therefor.

Jeffrey T. Randall (Seal)
Jeffrey T. Randall

____ (Seal)

____ (Seal)

____ (Seal)

State of WISCONSIN)
) ss.

County of WAUKESHA)

On June 11, 1997, Jeffrey T. Randall

____ appeared before me, a Notary Public in and for the State and County aforesaid, and acknowledged that he freely and voluntarily subscribed and executed the foregoing Assignment for the purposes and uses therein expressed.

(SEAL)

Susan T. Schmeier
Notary Public

My Commission Expires: 5-24-98

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APPENDIX

DESCRIPTION OF THE ERRORS UPON WHICH REISSUE IS BASED

I. Grammatical/Editorial Error In The Specification To Be Corrected By Reissue

1. An error is in the original patent specification at column 7, line 45, where the word "an" should have been omitted.

II. Reference Number Lead Line Error In The Drawings To Be Corrected By Reissue

1. An error is in the original patent drawings FIG. 4 where the lead line from the reference number 218 should have been extended to the end of wall structure 210 as shown in red on the enclosed copy of FIG. 4.

III. Grammatical/Editorial Errors In The Claims To Be Corrected By Reissue

1. An error is in the original patent claim 18, at line 19, where the word "the" should have been omitted.
2. An error is in the original patent claim 22, at line 18, where the word "the" should have been omitted.
3. An error is in the original patent claim 13, line 13, where the word "from" should have been "relative to".

IV. Errors In Claiming Less Than The Inventor Had A Right To Claim Which Are To Be Corrected By Reissue

1. An error is the failure in the original patent to have a claim with the broader scope of new claim 27 which is substantially identical with original patent claim 18 except for (1) omitting the word "the" from the claim's last two words; "the body", (2) using the word "from" in place of the word "between" in the second subparagraph of the claim, and (3) the broadening omission from the last subparagraph of the phrase "an outside of".
2. An error is the failure in the original patent to have a claim with the broader scope of new dependent claim 28 which is substantially identical with original patent dependent claim 19 except for the broadening change in the new parent independent

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claim 27 described above and except for the broadening change of 0.11 inch in patent claim 19 to 0.1 inch in new claim 28.

3. An error is the failure in the original patent to have a claim with the broader scope of new dependent claim 29 which is substantially identical with original dependent patent claim 20 except for the broadening change in the new parent independent claim 27 described above and except for the broadening change of 0.34 inch in patent claim 20 to 0.3 inch in new claim 29.

4. An error is the failure in the original patent to have a claim with the broader scope of new dependent claim 30 which is substantially identical with original patent claim 21 except for the broadening change in the new parent independent claim 27 as described above.

5. An error is the failure in the original patent to have a claim with the broader scope of new claim 31 which is a new dependent claim which includes the features of new parent independent claim 27 as described above plus the features explicitly set forth in the new dependent claim per se.

6. An error is the failure in the original patent to have a claim with the broader scope of new claim 32 which a is new dependent claim which includes the features of new parent independent claim 27 as described above plus the features explicitly set forth in the new dependent claim per se.

7. An error is the failure in the original patent to have a claim with the broader scope of new claim 33 which a is new dependent claim which includes the features of new parent independent claim 27 as described above plus the features explicitly set forth in the new dependent claim per se.

8. An error is the failure in the original patent to have a claim with the broader scope of new claim 35 which a is new dependent claim which includes the features of new parent independent claim 27 as described above plus the features explicitly set forth in the new dependent claim per se.

9. An error is the failure in the original patent to have a claim with the broader scope of new claim 35 which a is new dependent claim which includes the features of

new parent independent claim 27 as described above plus the features explicitly set forth in the new dependent claim per se.

10. An error is the failure in the original patent to have a claim with the broader scope of new claim 36 which a is new dependent claim which includes the features of new parent independent claim 27 as described above plus the features explicitly set forth in the new dependent claim per se.

11. An error is the failure in the original patent to have a claim with the broader scope of new independent claim 37 which is substantially identical with original patent independent claim 18 except for (1) using the word "from" in place of the word "between" in the second subparagraph of the claim, and (2) the broadening change of replacing the third subparagraph of the original patent claim 18 with a new third subparagraph as set forth in new claim 37.

12. An error is the failure in the original patent to have a claim with the broader scope of new independent claim 38 which is substantially identical with original patent independent claim 22 except for (1) omitting the word "the" from the claim's last two words, "the body", and (2) the broadening omission from the last subparagraph of the phrase "an outside of".

13. An error is the failure in the original patent to have a claim with the broader scope of new dependent claim 39 which is substantially identical with original patent dependent claim 23 except for the broadening change in the new parent independent claim 38 as described above.

14. An error is the failure in the original patent to have a claim with the broader scope of new dependent claim 40 which is substantially identical with original patent dependent claim 24 except for the broadening change in the new parent independent claim 38 as described above and except for the broadening change of 0.11 inch in original patent claim 24 to 0.1 inch in new claim 40.

15. An error is the failure in the original patent to have a claim with the broader scope of new dependent claim 41 which is substantially identical with original patent dependent claim 25 except for the broadening change in the new parent independent

claim 38 as described above and except for the broadening change of 0.34 inch in original patent claim 25 to 0.3 inch in new claim 41.

16. An error is the failure in the original patent to have a claim with the broader scope of new dependent claim 42 which is substantially identical with original patent dependent claim 26 except for the broadening change in the new parent independent claim 38 as described above.

17. An error is the failure in the original patent to have a claim with the broader scope of new claim 43 which is a new dependent claim which includes the features of new parent independent claim 38 as described above plus the features explicitly set forth in the new dependent claim per se.

18. An error is the failure in the original patent to have a claim with the broader scope of new claim 44 which is a new dependent claim which includes the features of new parent independent claim 38 as described above plus the features explicitly set forth in the new dependent claim per se.

19. An error is the failure in the original patent to have a claim with the broader scope of new claim 45 which is a new dependent claim which includes the features of new parent independent claim 38 as described above plus the features explicitly set forth in the new dependent claim per se.

20. An error is the failure in the original patent to have a claim with the broader scope of new claim 46 which is a new dependent claim which includes the features of new parent independent claim 38 as described above plus the features explicitly set forth in the new dependent claim per se.

21. An error is the failure in the original patent to have a claim with the broader scope of new independent claim 47 which is substantially identical with original patent claim 13 except for (1) using the words "relative to" in place of the word "from" in the third clause of the first subparagraph of the claim, (2) moving the word "and" from the end of the fourth subparagraph of the claim to the end of the fifth subparagraph of the claim, (3) the broadening omission from the fifth subparagraph of the claim of the phrase "around an outside of", and (4) adding a new sixth subparagraph as set forth in new claim

47.

22. An error is the failure in the original patent to have a claim with the broader scope of new claim 48 which is a new dependent claim which includes the features of new parent independent claim 47 as described above plus the features explicitly set forth in the new dependent claim per se.

23. An error is the failure in the original patent to have a claim with the broader scope of new claim 49 which is a new dependent claim which includes the features of new parent independent claim 47 as described above plus the features explicitly set forth in the new dependent claim per se.

24. An error is the failure in the original patent to have a claim with the broader scope of new claim 50 which is a new dependent claim which includes the features of new parent independent claim 47 as described above plus the features explicitly set forth in the new dependent claim per se.

25. An error is the failure in the original patent to have a claim with the broader scope of new claim 51 which is a new dependent claim which includes the features of new parent independent claim 47 as described above plus the features explicitly set forth in the new dependent claim per se.

26. An error is the failure in the original patent to have a claim with the broader scope of new claim 52 which is a new dependent claim which includes the features of new parent independent claim 47 as described above plus the features explicitly set forth in the new dependent claim per se.

27. An error is the failure in the original patent to have a claim with the broader scope of new claim 53 which is a new dependent claim which includes the features of new parent independent claim 47 as described above plus the features explicitly set forth in the new dependent claim per se.

28. An error is the failure in the original patent to have a claim with the broader scope of new claim 54 which is a new dependent claim which includes the features of new parent independent claim 47 as described above plus the features explicitly set forth in the new dependent claim per se.

29. An error is the failure in the original patent to have a claim with the broader scope of new independent claim 55 which is substantially identical with original patent claim 13 except for (1) using the words "relative to" in place of the word "from" in the third clause of the first subparagraph of the claim, (2) moving the word "and" from the end of the fourth subparagraph of the claim to the end of the fifth subparagraph of the claim, (3) the broadening omission from the fifth subparagraph of the phrase "around an outside of", and (4) adding a new sixth subparagraph as set forth in new claim 55.

30. An error is the failure in the original patent to have a claim with the broader scope of new claim 56 which is a new dependent claim which includes the features of new parent independent claim 55 as described above plus the features explicitly set forth in the new dependent claim per se.

31. An error is the failure in the original patent to have a claim with the broader scope of new claim 57 which is a new dependent claim which includes the features of new parent independent claim 55 as described above plus the features explicitly set forth in the new dependent claim per se.

32. An error is the failure in the original patent to have a claim with the broader scope of new claim 58 which is a new dependent claim which includes the features of new parent independent claim 55 as described above plus the features explicitly set forth in the new dependent claim per se.

33. An error is the failure in the original patent to have a claim with the broader scope of new claim 59 which is a new dependent claim which includes the features of new parent independent claim 55 as described above plus the features explicitly set forth in the new dependent claim per se.

34. An error is the failure in the original patent to have a claim with the broader scope of new claim 60 which is a new dependent claim which includes the features of new parent independent claim 55 as described above plus the features explicitly set forth in the new dependent claim per se.

35. An error is the failure in the original patent to have a claim with the broader scope of new claim 61 which is a new dependent claim which includes the features of

new parent independent claim 55 as described above plus the features explicitly set forth in the new dependent claim per se.

36. An error is the failure in the original patent to have a claim with the broader scope of new claim 62 which is a new dependent claim which includes the features of new parent independent claim 55 as described above plus the features explicitly set forth in the new dependent claim per se.

37. An error is the failure in the original patent to have a claim with ~~the broader~~ scope of new claim 63 which is a new dependent ~~claim which~~ includes the features of new parent independent ~~claim 55 as described~~ above plus the features explicitly set forth in the ~~new dependent~~ claim per se.

38. An error is the failure in the original patent to have a claim with the broader scope of new claim 64 which is a new dependent claim which includes the features of new parent independent claim 55 as described above plus the features explicitly set forth in the new dependent claim per se.

39. An error is the failure in the original patent to have a claim with the broader scope of new claim 65 which is a new dependent claim which includes the features of new parent independent claim 55 as described above plus the features explicitly set forth in the new dependent claim per se.

40. An error is the failure in the original patent to have a claim with the broader scope of new independent claim 66 which is substantially identical with original patent claim 18 except for (1) using the word "from" in place of the word "between" in the second subparagraph of the claim, and (2) the broadening change of replacing the third subparagraph of the original patent claim 18 with the new third subparagraph as set forth in new claim 66.

41. An error is the failure in the original patent to have a claim with the broader scope of new claim 67 which is a new dependent claim which includes the features of new parent independent claim 66 as described above plus the features explicitly set forth in the new dependent claim per se.

42. An error is the failure in the original patent to have a claim with the broader

scope of new claim 68 which is a new dependent claim which includes the features of new parent independent claim 66 as described above plus the features explicitly set forth in the new dependent claim per se.

43. An error is the failure in the original patent to have a claim with the broader scope of new claim 69 which is a new dependent claim which includes the features of new parent independent claim 66 as described above plus the features explicitly set forth in the new dependent claim per se.

44. An error is the failure in the original patent to have a claim with the broader scope of new claim 70 which is a new dependent claim which includes the features of new parent independent claim 66 as described above plus the features explicitly set forth in the new dependent claim per se.

45. An error is the failure in the original patent to have a claim with the broader scope of new independent claim 71 which is substantially identical with original patent independent claim 18 except for (1) the broadening change of omitting the words "spurt-resistant" from the claim preamble, (2) using the word "from" in place of the word "between" in the second subparagraph of the claim, and (3) the broadening change of replacing the third subparagraph of the original patent claim 18 with the new third subparagraph as set forth in new claim 71.

46. An error is the failure in the original patent to have a claim with the broader scope of new claim 72 which is a new dependent claim which includes the features of new parent independent claim 71 as described above plus the features explicitly set forth in the new dependent claim per se.

47. An error is the failure in the original patent to have a claim with the broader scope of new claim 73 which is a new dependent claim which includes the features of new parent independent claim 71 as described above plus the features explicitly set forth in the new dependent claim per se.

48. An error is the failure in the original patent to have a claim with the broader scope of new claim 74 which is a new dependent claim which includes the features of new parent independent claim 71 as described above plus the features explicitly set forth

in the new dependent claim per se.

V. How The Errors Arose Without Fraudulent Or Deceptive Intention

I read and reviewed the specification and claims of my original application Serial No. 08/877,759 that resulted in the original Letters Patent, and I gave all reasonable care, study and thought to the preparation of the original application Serial No. 08/877,759 and to the prosecution thereof within my ability to comprehend the specification and claims. At the time the application was filed, and during prosecution, I did not note the errors in the specification and drawings, and I did not appreciate that the claim language originally employed and amended included unnecessary limitations in view of the prior art until later pointed out by one of the attorneys of record in this reissue patent application.

The above-identified errors were discovered in 2000 and 2001 during a review of the Letters Patent and product design relating to the subject matter of the Letters Patent.

The above-identified errors were made without any fraudulent or deceptive intention by me, or by the prosecuting attorneys in preparing the original application for my review, and I failed to notice and correct the errors during my review of the patent application prior to execution and thereafter during prosecution of the application.

The above-identified errors are to be corrected by including in the reissue application (1) the designated amendments to the specification and drawings, (2) the amendments to the original patent claims 13, 18 and 22, and (3) the designated new claims 27-74.

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FEBRUARY 10, 1998

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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 12/11/1997

REEL/FRAME: 8858/0345
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
RANDALL, JEFFREY T.

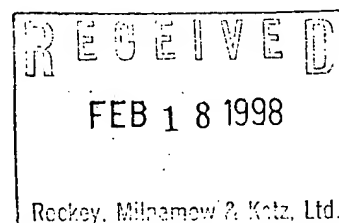
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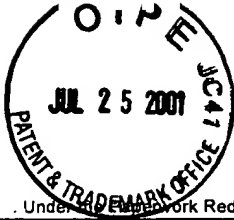
ASSIGNEE:
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PATENT NUMBER:

FILING DATE: 06/17/1997
ISSUE DATE:

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: AptarGroup, Inc.Application No./Patent No.: 5,938,087 Filed/Issue Date: August 17, 1999Entitled: SPURT MINIMIZING DISPENSING STRUCTUREAptarGroup, Inc., a Delaware corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 8858, Frame 0345, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
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☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

6/11/01
Date

Stephen J. Hagge

Typed or printed name

[Signature]
Executive Vice President, Chief Financial Officer, and Secretary

Title